

BEST AVAILABLE C

IN THE CLAIMS

Kindly amend the claims as follows:

20. (Twice Amended) A process for detecting the presence of a nucleoside diphosphate in a sample, comprising a step of detecting the dephosphorylation of the phosphoenzyme form of a nucleoside diphosphate kinase (NDPK), wherein the NDPK is modified to carry an extrinsic label in both the NDPK's phosphorylated and unphosphorylated forms, which label gives a different detectable signal when the enzyme is phosphorylated from when it is unphosphorylated.

C3 21. (Twice Amended) A process for detecting the presence of a nucleoside triphosphate in a sample, comprising a step of detecting the phosphorylation of a nucleoside diphosphate kinase (NDPK) to the phosphoenzyme form, wherein the NDPK is modified to carry an extrinsic label in both the NDPK's phosphorylated and unphosphorylated forms, which label gives a different detectable signal when the enzyme is phosphorylated from when it is unphosphorylated.

C4 30. (Amended) The process of claim 20 or claim 21, wherein the NDPK is an NDPK of *Myxococcus xanthus* having the amino acid sequence of SEQ ID NO: 2, and carrying an IDCC label at position 112.

C5 31. (Twice Amended) NDPK which is modified to carry an extrinsic label in both the NDPK's phosphorylated and unphosphorylated forms, which label gives a different detectable signal when the enzyme is phosphorylated from when it is unphosphorylated.

C6 35. (Amended) NDPK of *Myxococcus xanthus* having the amino acid sequence of SEQ ID NO: 2, and carrying an IDCC label at position 112.

IN THE SEQUENCE LISTING

✓ Please add the attached Sequence Listing to the application papers as filed.